

Air purifier KA-520 XXL

Product data



Product benefits

- ▶ large HEPA filter in compliance with DIN EN 1822, class H14 (99.995 %)
- ▶ the latest energy-efficient, sound-optimised EC technology
- ▶ robust, high-quality and stable powder-coated housing
- ▶ many versatile uses (in the private and commercial sector)
- ▶ simple 2-key operation with filter monitoring
- ▶ complies with DIN EN 60335 and German Accident Prevention Insurance Regulations for Nursery Schools and Schools. (e.g. pen and finger-safe)
- ▶ plug-in, start up without the need for tools
- ▶ high-quality "Made in Germany" materials
- ▶ hygienically safe in compliance with VDI 6022
- ▶ supplied with two HEPA filters, two pre-filters, adjustable feet and castors



The KA-520 XXL combines a high air throughput with a low sound level and is the product of choice for offices as well as schools and daycare facilities.

Features

- ▶ plug in – switch on
- ▶ tool-free maintenance
- ▶ transportable by two people
- ▶ not a trip hazard, safe to walk on and not liable to topple over (DIN EN 60335)
- ▶ no sharp edges (Accident Prevention Insurance Regulations for Nursery Schools and Schools and DIN EN ISO 12100-2)
- ▶ not a trip hazard, thanks to connectors
- ▶ no radiation or ozone generation
- ▶ performance verified according to DIN EN ISO 14644

Installation

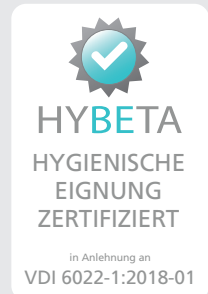
- ▶ free-standing

Air flow

- ▶ recirculating air, secondary air

Control

- ▶ Very simple operation using two keys. Stage I or Stage II air volume can be selected. The factory pre-set values can be adjusted on site. The unit can run in timer or continuous mode. An LED indicator displays when the filter needs to be replaced.



At a glance

Dimensions (H x W x D)	▶ 665 x 665 x 505 mm
Weight	▶ 49 kg
Colour	▶ housing RAL 9016 (traffic white) used in conjunction with diffuser RAL 9006 (grey)
HEPA filter	▶ Class H 14, according to DIN EN 1822 (99.995 %)
Protection class	▶ IP 20
Power supply	▶ 230V/50Hz

Applications

Many versatile uses – in the private or commercial sector



Technical data

KA-520 XXL - up to an air volume of 1340 m³/h						
Adjustable air volumes	Stage 1	Stage 2		Power consumption	Current consumption	Reduced infection risk**
	[m³/h]	[m³/h]	dB (A)*	[W]	[A]	[%]
		1340	53	168	1,48	95
		1200	51	128	1,14	94
	1030	1030	48	95	0,86	93
	750	750	42	51	0,47	90
	580	580	37	32	0,30	87
	420		32	18	0,18	82
	270		27	10	0,10	72

The coloured cells shows the factory pre-set values (air volumes) and associated sound level [dB(A)]. Find instructions on how to adjust the air volumes at: www.youtube.com/watch?v=j7l2A4WK9bU

* Sound pressure level. Conversion of sound power to sound pressure with a level reduction of 10 dB(A) with a room volume of 200 m³ and a mean reverberation time of 0.8 s.
 ** Applies only to transmission by expired aerosols. Coughs, sneezing and other transmission paths are not taken into account. Reduced infection risk is given compared to an unventilated room. General conditions: Air purifier in operation and room saturated with infectious aerosols. An infected person is located in the room. Reduced infection risk to a person entering the room after one hour. Mixed air is assumed (normal status). Based on the study:
 Predicted Infection Risk for Aerosol Transmission of SARS-CoV-2
 Martin Kriegel, Udo Buchholz, Petra Gastmeier, Peter Bischoff, Inas Abdelgawad, Anne Hartmann
 medRxiv 2020.10.08.20209106; doi: <https://doi.org/10.1101/2020.10.08.20209106>

Dimensions

